

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: December 14, 2000, 22:59:49 ; Search time 176.17 Seconds
(without alignments)
200.888 Million cell updates/sec

Title: US-09-232-880-45

Perfect score: 234
Sequence: 1 acaacagaccctgctcgtc.....taagctctatgaccctgct 234

Scoring table: IDENTITY-NUC
Gapop 10.0 , Gapext 1.0

Number of hits satisfying chosen parameters: 524120
Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents, NA:*

- 1: /cgn2_6/ptodata/2/ina/5A.COMB.seq:*
- 2: /cgn2_6/ptodata/2/ina/5B.COMB.seq:*
- 3: /cgn2_6/ptodata/2/ina/5C.COMB.seq:*
- 4: /cgn2_6/ptodata/2/ina/5D.COMB.seq:*
- 5: /cgn2_6/ptodata/2/ina/6.COMB.seq:*
- 6: /cgn2_6/ptodata/2/ina/PCRNUS.COMB.seq:*
- 7: /cgn2_6/ptodata/2/ina/Backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	234	100.0	1386	4	US-08-897-340-1
2	227.8	97.4	871	2	US-08-744-025-2
3	227.8	97.4	871	2	US-09-102-732-2
4	45	19.2	1476	4	US-08-824-874-2
5	37.4	16.0	833	4	US-08-790-137-2
6	37.4	16.0	1314	5	US-09-025-059-2
7	35.8	15.3	957	2	US-08-684-862-11
8	34.8	14.9	840	2	US-08-684-862-12
9	34.4	14.7	1454	2	US-08-467-155A-2
10	34.4	14.7	1454	2	US-08-628-196-2
11	34.4	14.7	1454	6	PCR-US96-07343-2
12	34.2	14.6	1333	2	US-08-684-862-9
13	33.2	14.2	1096	2	US-08-684-862-8
14	32.6	13.9	986	2	US-08-557-146-1
15	32.6	13.9	986	4	US-09-154-344-1
16	32.6	13.9	1089	5	US-08-930-188-3
17	32.6	13.9	1089	5	US-08-930-188-3
18	32.6	13.9	1089	6	PCR-US96-04294-1
19	32.6	13.9	1089	6	PCR-US96-04294-3
20	31.6	13.5	732	2	US-08-361-395-2
21	31.6	13.5	988	2	US-08-684-862-10
22	30.2	12.9	2143	3	US-08-656-177A-1
23	30	12.8	1729	3	US-08-844-024-1
24	30	12.8	1729	4	US-08-718-547-1
25	30	12.8	3224	5	US-09-079-415-3
26	29.8	12.7	2830	1	US-07-882-292-1

c 27	29.8	12.7	2830	4	US-08-331-644-1	Sequence 1, Appl
c 28	29.8	12.7	2830	6	PCR-US93-04102-1	Sequence 1, Appl
c 29	29	12.4	1190	1	US-08-310-370-1	Sequence 1, Appl
c 30	28.4	12.1	992	1	US-08-358-782D-13	Sequence 13, Appl
c 31	28.4	12.1	992	4	US-08-764-527A-13	Sequence 13, Appl
c 32	28.4	12.1	1462	1	US-08-358-782D-14	Sequence 14, Appl
c 33	28.4	12.1	1462	4	US-08-764-527A-14	Sequence 14, Appl
c 34	28	12.0	2483	3	US-08-177-109A-1	Sequence 1, Appl
c 35	28	12.0	2483	4	US-08-687-706-1	Sequence 1, Appl
c 36	28	12.0	2634	5	US-08-941-936-1	Sequence 1, Appl
c 37	27.8	11.9	665	4	US-08-980-060-12	Sequence 12, Appl
c 38	27.8	11.9	3090	2	US-08-596-291-2	Sequence 2, Appl
c 39	27.8	11.9	3090	5	US-09-100-804-2	Sequence 2, Appl
c 40	27.8	11.9	3090	6	PCR-US94-09943-3	Sequence 3, Appl
c 41	27.8	11.9	4928	2	US-08-399-561-1	Sequence 1, Appl
c 42	27.6	11.8	1230	5	US-08-890-719-3	Sequence 3, Appl
c 43	27.6	11.8	11219	2	US-07-642-734C-1	Sequence 1, Appl
c 44	27.6	11.8	11219	5	US-08-439-009A-1	Sequence 1, Appl
c 45	27.4	11.7	3300	1	US-08-194-290-6	Sequence 6, Appl

ALIGNMENTS

RESULT 1
US-08-897-340-1
Sequence 1, Application US/08897340
Patent No. 5955306
GENERAL INFORMATION:
APPLICANT: Gimenio, Carlos J. and Errada, Patrick, R.
TITLE OF INVENTION: Weight Control Pathway Genes and Uses
TITLE OF INVENTION: Therefor
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/897,340
FILING DATE: 7/21/97
CLASSIFICATION: 7/21/97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/715,032
FILING DATE: 17-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Silverl, Jean M.
REGISTRATION NUMBER: 39,030
REFERENCE/DOCKET NUMBER: MNT-005CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ. ID NO. 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1386 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-897-340-1

Query Match 100.0%; Score 234; DB 4; Length 1386;
Best Local Similarity 100.0%; Pred. No. 9.2e-68;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 aacacagaccctgtctgcctaacgacccatcatcatcaagttggagaaatccgtgtcgcg 60
|||||
Db 234 ACAACAGACCCCTGCTGCCTTAACGACCTCATGCTCATCAAGTTGGACCAATCCGTCGCG 293
QY 61 agcttgacacatccggagacatcaagcattgtctgcagtgccctaccgcggggaactctt 120
|||||
Db 294 AGTCGACACCATCCGGAGCATACACATTGCTTCCAGTGCCTACCCGCGGGAACCTCTT 353
QY 121 gccctgttcctggtggtgtctgtcgtgcgaaacgagaaatcctaccgtgtctgcagtgcg 180
|||||
Db 354 GCCCTGTTCTGCGTGGGTGCTGCTGGCGAAGCGGAGATGCTACCGTGTGCAAGTCGCG 413
QY 181 tgaacgtgtcgtgtgtgtctgtcgtgagaggtctgcagtaagctctatgaccgctgt 234
|||||
Db 414 TGAACGTGTGCGTGGTGTCTGTGAGGAGTCTGCAATGACCTATGACCCGCTGT 467

RESULT 2

US-08-744-026-2

Sequence 2, Application US/08744026

Patent No. 5786148

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

APPLICANT: Goli, Surya K.

TITLE OF INVENTION: A NOVEL PROSTATE-SPECIFIC

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3174 Porter Drive

CITY: Palo Alto

STATE: CA

COUNTRY: US

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/744,026

FILING DATE: Herewith

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J

REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0154 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-845-0555

TELEFAX: 415-845-4166

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 871 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY:

CLONE: Consensus

US-08-744-026-2

Query Match 97.4%; Score 227.8; DB 2; Length 871;
Best Local Similarity 97.9%; Pred. No. 8.2e-66;
Matches 229; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 aacacagaccctgtctgcctaacgacccatcatcatcaagttggagaaatccgtgtcgcg 60
|||||
Db 335 ACAACAGACCCCTGCTGCCTTAACGACCTCATGCTCATCAAGTTGGACCAATCCGTCGCG 394

QY 61 agcttgacacatccggagacatcaagcattgtctgcagtgccctaccgcggggaactctt 120
|||||
Db 395 AGTCGACACCATCCGGAGCATACACATTGCTTCCAGTGCCTACCCGCGGGAACCTTCT 454
QY 121 gccctgttcctggtggtgtctgtcgtgcgaaacgagaaatcctaccgtgtctgcagtgcg 180
|||||
Db 455 GCCCTGTTCTGCGTGGGTGCTGCTGGCGAAGCGGAGATGCTACCGTGTGCAAGTCGCG 514
QY 181 tgaacgtgtcgtgtgtgtctgtcgtgagaggtctgcagtaagctctatgaccgctgt 234
|||||
Db 515 TGAACGTGTGCGTGGTGTCTGTGAGGAGTCTGCAATGACCTATGACCCGCTGT 568

RESULT 3

US-09-102-732-2

Sequence 2, Application US/09102732

Patent No. 592321

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

APPLICANT: Goli, Surya K.

TITLE OF INVENTION: A NOVEL PROSTATE-SPECIFIC

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3174 Porter Drive

CITY: Palo Alto

STATE: CA

COUNTRY: US

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/102,732

FILING DATE: 6/22/98

CLASSIFICATION: 612.219.8

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/744,026

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J

REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0154 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-845-0555

TELEFAX: 415-845-4166

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 871 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY:

CLONE: Consensus

US-09-102-732-2

Query Match 97.4%; Score 227.8; DB 4; Length 871;
Best Local Similarity 97.9%; Pred. No. 8.2e-66;
Matches 229; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 aacacagaccctgtctgcctaacgacccatcatcatcaagttggagaaatccgtgtcgcg 60
|||||
Db 335 ACAACAGACCCCTGCTGCCTTAACGACCTCATGCTCATCAAGTTGGACCAATCCGTCGCG 394
QY 61 agcttgacacatccggagacatcaagcattgtctgcagtgccctaccgcggggaactctt 120
|||||
Db 395 AGTCGACACCATCCGGAGCATACACATTGCTTCCAGTGCCTACCCGCGGGAACCTTCT 454

RESULT 8
 US-08-684-862-12
 ; Sequence 12, Application US/08684862
 ; Patent No. 5759541
 ; GENERAL INFORMATION:
 ; APPLICANT: Bach, Alfred
 ; APPLICANT: Hillen, Heinz
 ; APPLICANT: Bialojan, Siegfried
 ; TITLE OF INVENTION: No. 5759541el Proteins, the Preparation and Use
 ; TITLE OF INVENTION: Thereof
 ; NUMBER OF SEQUENCES: 14
 ; CORRESPONDENCE ADDRESSES:
 ; ADDRESSEE: Kell & Weinkauff
 ; STREET: 1101 Connecticut Avenue
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20036
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage
 ; COMPUTER: IBM AT-compatible, 80286 processor
 ; OPERATING SYSTEM: MS-DOS version 5.0
 ; SOFTWARE: Wordperfect version 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/684,862
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/361,705
 ; FILING DATE:
 ; PRIOR APPLICATION DATA:

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? APPLICATION NUMBER: 07/966,040
? FILING DATE: 30-DEC-1992
? APPLICATION NUMBER: PCT/EP91/01361
? FILING DATE: 19-JUL-1991
? INFORMATION FOR SEQ ID NO: 12:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 840 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
?
US-08-664-862-12
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Query Match	14.98;	Score 34.8;	DB 2;	Length 840;
Best Local Similarity	55.98;	Pred. No. 0.018;		
Matches 66; Conservative	0;	Mismatches 52;	Indels 0;	Gaps 0

[illegible]

```

RESULT 9
: Sequence 2, Application US/08467155A
: Patent No. 5736377
: GENERAL INFORMATION:
: APPLICANT: Band, Ymla
: TITLE OF INVENTION: NRS-1 POLYPEPTIDES, DNA, AND RELATED
: TITLE OF INVENTION: MOLECULES AND METHODS
: NUMBER OF SEQUENCES: 11
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Fish & Richardson P.C.
: STREET: 225 Franklin Street
: CITY: Boston
: STATE: MA
: COUNTRY: USA
: ZIP: 02110-2804
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/467,155A
: FILING DATE: 06-JUN-1995
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Clark, Paul T.
: REGISTRATION NUMBER: 30,162
: REFERENCE/DOCKET NUMBER: 00398/100001
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 617/542-5070
: TELEFAX: 617/542-8906
: TEXT: 200134
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1454 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: US-08-467-155A-2

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Query Match	14.7%;	Score 34.4;	DB 2;	Length 1454;
Best Local Similarity	52.9%;	Pred. No. 0.031;		
Matches	74;	Conservative	0;	Mismatches 66;
				Indels 0;
				Gaps 0;

Qy 22 acgacctcatgctcatcaaglttgacgaaatccgctgctcagatctgcacacatccgagca 81
 Db 488 ACGATCATATTTGCTTAAGCTGGCCAGGCCCCGTAAGTCCGGGGCCCCGCTCGGGCCC 547
 Qy 82 tcagatctgcttcgagtgccctaacgcyggygaactcttgcctcgttcttcgcyggytc 141
 Db 548 TGCACCTTCCTTACCGCTGTGCTCTAGCCCGGAGACACAGTCCACAGTTGTGTGGCGGCA 607
 Qy 142 tgcctgcygaacgcyagaatg 161
 Db 608 CCACGGCGCCCGGAGAGTG 627

```

10 RESULT
11 US-08-628-198-2
12 Sequence 2, Application US/08628198
13 Patent No. 5843694
14 GENERAL INFORMATION:
15 APPLICANT: Band, Vimala
16 TITLE OF INVENTION: NNS-1 POLYPEPTIDES, DNA, AND RELATED
17 TITLE OF INVENTION: MOLECULES AND METHODS
18 NUMBER OF SEQUENCES: 11
19 CORRESPONDENCE ADDRESS:
20 ADDRESSEE: Fish & Richardson P.C.
21 STREET: 225 Franklin Street
22 CITY: Boston
23 STATE: MA
24 COUNTRY: USA
25 ZIP: 02110-2804
26 COMPUTER READABLE FORM:
27 MEDIUM TYPE: Floppy disk
28 COMPUTER: IBM PC compatible
29 OPERATING SYSTEM: PC-DOS/MS-DOS
30 SOFTWARE: PatentIn Release #1.0, Version #1.30
31 CURRENT APPLICATION DATA:
32 APPLICATION NUMBER: US/08/628,198
33 FILING DATE:
34 PRIOR APPLICATION DATA:
35 APPLICATION NUMBER: 08/467,155
36 FILING DATE: 06-JUN-1995
37 CLASSIFICATION: 514
38 ATTORNEY/AGENT INFORMATION:
39 NAME: Clark, Paul T.
40 REGISTRATION NUMBER: 30,162
41 REFERENCE/DOCKET NUMBER: 00398/100002
42 TELECOMMUNICATION INFORMATION:
43 TELEPHONE: 617/542-5070
44 TELEFAX: 617/542-8906
45 TELEX: 200154
46 INFORMATION FOR SEQ ID NO: 2:
47 SEQUENCE CHARACTERISTICS:
48 LENGTH: 1454 base pairs
49 TYPE: nucleic acid
50 STRANDEDNESS: single
51 TOPOLOGY: linear
52 MOLECULE TYPE: CDNA
53 US-08-628-198-2

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	Query Match	Similarity	14.7%	Score 34.4	DB 3	Length 1454
	Best Local	Similarity	52.9%	Pred. NO. 0.031		
	Matches	74	Conservative	0	Mismatches 66	Indels 0
					Gaps 0	
QY	22	acgacctcatcctcatcgaatltgagacgaatccggtlccgaggtctgcagacacatccgagca	81			
Db	488	ACGATCTCATGTGCTTAAAGCTGGCCAGGCCCGGTATGGCCGGGGCCCCCGTCCGGGCC	547			
QY	82	tcagatattgcttcgagagggccctacacggggggaactcttgctctgtttctgcttggagtc	141			
Db	548	TGCACCTTCCTACCGCTGTGCTCAGCCCGGAGACCAAGTCCAGGTTGCTGGCTGGGCA	607			
QY	142	tgctgcgaaacggcagaaatg	161			

Db 608 CCACGCGCCCGGAGAGTG 627

RESULT 11

PCT-US96-07343-2

Sequence 2, Application PC/TUS9607343

GENERAL INFORMATION:

APPLICANT: New England Medical Center Hospitals, Inc.

TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/07343

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/467,155

FILING DATE: 06-JUN-1995

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 00398/100001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-5070

TELEFAX: 617/542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 1454 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: CDNA

PCT-US96-07343-2

Query Match

Best Local Similarity 14.7%; Score 34.4; DB 6; Length 1454;

Matches 74; Conservative 0; Mismatches 66; Indels 0; Gaps 0;

Db 22 acagccatcgtatcacaagtgtgaggaatccgtgctcgagtcgaacacatccggagca 81

Db 488 ACGATTCATGTTCTCTAAAGCTGAGCCGAGCCGTAAGTCCGGGGCCCGCTCCGGGGCC 547

Db 82 tcagcattgtcttcgagtcgagtcgagtcgagtcgagtcgagtcgagtcgagtcgagtc 141

Db 548 TGCAGCTTCCCTACCGCTGTGTCAGCCCGGAGACCAAGTCCAGAGTTGCTGGGGCA 607

QY 142 tgcgtgagcgaacgagatg 161

Db 608 CCACGCGCCCGGAGAGTG 627

RESULT 12

US-08-684-862-9

Sequence 9, Application US/08684862

Patent No. 5739541

GENERAL INFORMATION:

APPLICANT: Bach, Alfred

APPLICANT: Hillen, Heinz

APPLICANT: Hillen, Heinz

APPLICANT: Bialojan, Siegfried

TITLE OF INVENTION: No. 5759541el Proteins, the Preparation and Use

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Kell & Weinkauff

STREET: 1101 Connecticut Avenue

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20036

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch, 360 KB storage

COMPUTER: IBM AT-compatible, 80286 processor

OPERATING SYSTEM: MS-DOS version 5.0

SOFTWARE: Wordperfect version 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/684,862

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/361,705

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/966,040

FILING DATE: 30-DEC-1992

APPLICATION NUMBER: PCT/EP91/01361

FILING DATE: 19-JUL-1991

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 1333 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: CDNA to mRNA

ORGANISM: Agkistrodon rhodostoma

FEATURE:

LOCATION: 231 to 935

OTHER INFORMATION: the coding region shown in (2)(1x)(B)

OTHER INFORMATION: codes for the protein of SEQ ID NO: 4

US-08-684-862-9

Query Match

Best Local Similarity 14.6%; Score 34.2; DB 2; Length 1333;

Matches 66; Conservative 0; Mismatches 53; Indels 0; Gaps 0;

QY 21 aacgacctatgctcatcaagtgtgaggaatccgtgctcgagtcgagtcgagtcgagtcgagtc 80

Db 486 AAGGACATCATGTTATTAACAGCTGACAGTCTGTAAACAAGTACTACATGCCCT 545

QY 81 atcagcattgtcttcgagtcgagtcgagtcgagtcgagtcgagtcgagtcgagtcgagtc 139

Db 546 ATCAGCTTGCCTTCACAGCCCTCCAGTGTGAGGCTCACTTGCCTGTATAGGATGGG 604

RESULT 13

US-08-684-862-8

Sequence 8, Application US/08684862

Patent No. 5739541

GENERAL INFORMATION:

APPLICANT: Bach, Alfred

APPLICANT: Hillen, Heinz

APPLICANT: Bialojan, Siegfried

TITLE OF INVENTION: No. 5759541el Proteins, the Preparation and Use

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Kell & Weinkauff

STREET: 1101 Connecticut Avenue

CITY: Washington

STATE: D.C.

```

CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Sterner, Richard J.
REGISTRATION NUMBER: 35,372
REFERENCE/DOCKET NUMBER: 1103326-181
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 819-8783
TELEFAX: (212) 354-8113
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 986 Base Pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: 25..786
FEATURE:
NAME/KEY: sig_peptide
LOCATION: 25..90
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 112..783
OS-08-557-146-1

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Query Match	13.9%	Score 32.6;	DB 3;	Length 986;
Best Local Similarity	49.8%	Pred. No. 0.1;		
Matches 114; Conservative	0;	Mismatches 109;	Indels 6;	Gaps 1

QY 1 acaacagacccttgctgcctaacgacctatcgaagttgagcaatccggtccg 60
Db 335 ACTCCACACAGACCCATTATATGACCTCATCTCGTGAAGCTCAATAGCCAGGCCAGGC 394
QY 61 agctgaaacacatccggagcatcagacattgcttcgagtgccctaacgggggaaactct 120
Db 395 TGTCAATCCATGATGTAAGAAAGTCAGAGCTGCCTCCCGCTGCCAACCCCTCGAACCACCT 454
QY 121 gccctgcttcctgctgggggtctgctcgca-----acggcagaagtgcctaacgllgtgc 174
Db 455 GTACTGCTTCGGGCTGGGGGCACCTACCAAGGCCCAAGATGACCTTTCCCTCTGACCTTA 514

```

Db      515  TGTCGGTGATGTCAAGCTCATCTCCCCCCAGGACTGCACGAAGTTTA 563

RESULT 15
US-09-154-344-1
; Sequence 1, Application US/09154344
; Patent No. 5981256
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GENERAL INFORMATION:
;
APPLICANT: Egelrud, Torbjorn
;
APPLICANT: Hansson, Lennart
;
TITLE OF INVENTION: Recombinant Stratum Corneum Chymotryptic
;
TITLE OF INVENTION: Enzyme (SCCE)
;
NUMBER OF SEQUENCES: 17
;
CORRESPONDENCE ADDRESS:
;
ADDRESSEE: White & Case, Patent Department
;
STREET: 1155 Avenue of the Americas
;
CITY: New York
;
STATE: New York
;
COUNTRY: U.S.A.
;
ZIP: 10036-2787
;
COMPUTER READABLE FORM:
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MEDIUM TYPE: floppy disk
;
COMPUTER: IBM PC compatible
;
OPERATING SYSTEM: PC-DOS/MS-DOS

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? SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/09/154,344
? FILING DATE: 16-SEP-1998
? CLASSIFICATION:
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 08/557,146
? FILING DATE: 14-DEC-1995
? CLASSIFICATION:
? ATTORNEY/AGENT INFORMATION:
? NAME: Steiner, Richard J.
? REGISTRATION NUMBER: 35,372
? REFERENCE/DOCKET NUMBER: 1103326-181
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (212) 819-8783
? TELEFAX: (212) 354-8113
? INFORMATION FOR SEQ ID NO: 1:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 986 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: cDNA
? HYPOTHEetical: NO
? ANTI-SENSE: NO
? ORIGINAL SOURCE:
? ORGANISM: Homo sapiens
? FEATURE:
? NAME/KEY: CDS
? LOCATION: 25..786
? FEATURE:
? NAME/KEY: s1q-peptide
? LOCATION: 25..90
? FEATURE:
? NAME/KEY: mat-peptide
? LOCATION: 112..783
? US-09-154-344-1
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Query Match 13.98; Score 32.6; DB 4; Length 986;
Best Local Similarity 49.88; Pred. No. 0.1;
Matches 114; Conservative 0; Mismatches 109; Indels 6; Gaps 1;

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